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Notice of Allowability	Application No.	Applicant(s)	
	10/800,132	HOSHINA ET AL.	
	Examiner	Art Unit	
	Lam P. Pham	2636	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/12/2004.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>3/12/04</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-13 allowed.
2. The following is an examiner's statement of reasons for allowance:

No prior art teach or suggest a contactless data communication system (claim 1), comprising:

a reader-writer device; and

a contactless identification tag,

the reader-writer device including:

a data communication means that is capable of data communications with the contactless identification tag; and

an electromagnetic wave transmission means for supplying power that transmits an electromagnetic wave for supplying power to the contactless identification tag at the time of data communications by the data communication means; and

the contactless identification tag including:

a driving electric power generation means that generates driving electric power from the electromagnetic wave for supplying power transmitted from the reader-writer device;

an attachment means that attaches the contactless identification tag to a given object;

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a detachment detection means that detects whether the contactless identification tag attached to the given object by the attachment means is detached from the given object; and

a specific information display means which displays specific information based on a detection result obtained by the detachment detection means.

No prior art teach or suggest a contactless identification tag (claim 6) comprising:

a driving electric power generation means that generates driving electric power from the electromagnetic wave for supplying power transmitted from the reader-writer device;

an attachment means that attaches the contactless identification tag to a given object;

a detachment detection means that detects whether the contactless identification tag attached to the given object by the attachment means is detached from the given object; and

a specific information display means which displays specific information based on a detection result obtained by the detachment detection means.

No prior art teach or suggest a contactless identification tag system (claim 11) comprising:

a contactless identification tag including:

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a driving electric power generation means that generates the driving electric power from an electromagnetic wave for supplying power transmitted from the reader-writer device;

an attachment means that attaches the contactless identification tag to a given object;

a detachment detection means that detects whether the contactless identification tag attached to the given object by the attachment means is detached from the attachment means; and

a specific information display means that displays specific information based on the detection result obtained by the detachment detection means; and

a program that controls the contactless identification tag including:

a detachment detection step that detects whether the contactless identification tag attached to a given object by the attachment means is detached from the object; and

a specific information display step that displays specific information based on a detection result obtained as a result of the detachment detection step.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Van Horn et al. (US 6545605) disclose a method of determining a communication range.


Shober (US 5952922) discloses an in building modulated backscatter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lam P. Pham whose telephone number is 571-272-2977. The examiner can normally be reached on 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Hofsass can be reached on 571-272-2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lam Pham


JEFFERY HOFSSASS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600